

Lia Li

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Employment Status: U.S. Citizen, full work authorization

Education

Stony Brook University	May 2027
<i>B.S. in Applied Mathematics and Statistics; Minor in Electrical Engineering</i>	<i>Stony Brook, NY</i>
<ul style="list-style-type: none">– Cumulative GPA: 3.5 / 4.0– Relevant Coursework: Probability Theory, Data Analysis, Graph Theory, Differential Equations, Random Signals and Systems, Electrical Circuit Analysis, Quantum Mechanics for Engineers, Computer Science Principles	

Professional & Project Experience

Fourier Fund of Stony Brook University	Oct. 2025 – Present
<i>Junior Analyst</i>	<i>Stony Brook, NY</i>
<ul style="list-style-type: none">– Conducted quantitative equity research using factor models, regression analysis, and risk metrics to identify undervalued Communications-sector securities.– Built comps valuation tables (EV/EBITDA, P/E) and integrated them with DCF and sensitivity models.– Developed Monte Carlo simulations in Jupyter Notebook and Excel to quantify risk and evaluate valuation scenarios.– Partnered with a 4-person Communications team to craft investment theses and present recommendations to the 49-member fund.	
Stony Brook University Department of Applied Mathematics	Aug. 2025 – Dec. 2025
<i>Undergraduate Teaching Assistant, AMS 210: Linear Algebra</i>	<i>Stony Brook, NY</i>
<ul style="list-style-type: none">– Graded coursework for 180+ students weekly, ensuring accuracy and consistency in linear algebra topics.– Hosted weekly office hours to reinforce student understanding of matrices, eigenvalues, and vector spaces.	
Blockchain Business Lab (BBL)	Jan. 2025 – May 2025
<i>Strategy & Systems Analyst</i>	<i>Stony Brook, NY</i>
<ul style="list-style-type: none">– Collaborated with a 6-member team to design a decentralized rewards platform for student organizations.– Led front-end design in Figma, improving dashboard usability for token progress tracking.– Reported weekly to Lab Director Prof. Danling Jiang on progress, challenges, and deliverables.– Identified fairness and control issues in token distribution, proposing solutions to improve sustainability.	
Jag International Trim	June 2024 – Sept. 2024
<i>Project Data Intern</i>	<i>New York, NY</i>
<ul style="list-style-type: none">– Partnered with CEO and CFO to design and launch a client-facing website using Figma prototypes.– Recruited and coordinated a freelance engineer to implement design and technical features.– Optimized product data workflows by 30% through Excel dataset consolidation.– Created 50+ client-ready visuals and presentations to support business development.	

RU Designs LLC	April 2024 – Sept. 2024
<i>Design Research & Data Intern</i>	<i>New York, NY</i>
<ul style="list-style-type: none">– Collaborated with designers to analyze and visualize data on 50+ building materials for space planning in the NYC metro area.– Conducted research and consolidated insights on 100+ material vendors to inform purchasing strategy.– Handled communications with external stakeholders, creating quotes and contributing to cost-effective planning.	

Chan Bai Mei	April 2024 – May 2025
<i>Digital Marketing Intern</i>	<i>New York, NY</i>
<ul style="list-style-type: none">– Supported U.S. expansion of a Chinese food chain, assisting the CEO with marketing and translation.– Engaged with 1,000+ customers per festival across multiple states, driving sales and brand growth.– Produced and managed social media ads, boosting engagement by 400%.	

Leadership & Extracurricular Activities

Rock Climbing Club, Stony Brook University	Aug. 2024 – Present
<i>Co-Founder & Vice President</i>	<i>Stony Brook, NY</i>
<ul style="list-style-type: none">– Relaunched the club post-hiatus, growing membership by 300 and securing \$500+ in early fundraising.– Secured probationary budget approval and managed \$400+ in funds to apply for line budget designation.	

Relevant Skills

Technical: Excel, Google Sheets, Python (basic), Figma, Onshape, Tinkercad

Languages: English (Native), Mandarin Chinese, Fuzhouinese

Interests: Rock Climbing, Vintage, Non-fiction Books, Financial Audit Shows